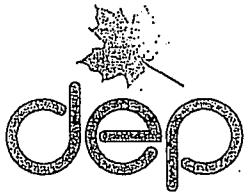


EXHIBIT G



west virginia department of environmental protection

Division of Water and Waste Management
601 57th Street SE
Charleston, WV 25304-2345
Telephone Number: (304) 926-0495
Fax Number: (304) 926-0463

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

January 31, 2012

Jim and Della Tennant
15 Mansion Blvd.
Parkersburg, WV 26101

91 7108 2133 3939 2099 3068

CERTIFIED MAIL RETURN RECEIPT REQUESTED

Re: WV/NPDES Permit No. WV0001279
Consent Order No. 7418 Comments

Dear Mr. and Mrs. Tennant:

This correspondence is in response to your comment letter dated December 13, 2011 regarding draft Consent Order No. 7418 for WV/NPDES Permit No. WV0001279 issued to the Dupont - Washington Works facility. Comments are summarized first in bold italics followed by the agency's responses.

1. Comment: The order should not allow Dupont to discharge the new compound until all of the treatment upgrades are completed.

The existing treatment employed at the facility will provide treatment of the new compound. The additional treatment proposed by the permittee will enhance treatment and allow for less frequent change-outs of activated carbon from the existing carbon bed system. Regardless of the treatment enhancements to be made by the permittee, the effluent limitations for the new compound are effective immediately upon issuance of the consent order and will be protective of the water quality standards and designated uses of the Ohio River.

2. Comment: The order shouldn't be issued without explaining the new compound, its effects on people and the environment, its toxicity, and how the DEP arrived at the safety levels and monitoring requirements for the new compound.

The new compound (C3 Dimer Acid/Salt) is a new fluoropolymer compound that Dupont is representing as an ultimate replacement for the existing fluoropolymer known as C8 (or PFOA, perfluorooctanoic acid). Dupont entered into a Toxic Substances Control Act Consent (TSCA) Consent Order with the U.S. EPA in January 2009 which granted Dupont approval, under conditions set forth in the TSCA Consent Order, to manufacture, process, and distribute the new compound. The U.S. EPA TSCA Consent Order

Promoting a healthy environment.

prescribed certain requirements and toxicological studies regarding the new compound. In 2011, Dupont provided toxicological data to the WV DEP as well as plans to begin production of the new compound. As noted, the U.S. EPA TSCA Consent Order prescribes certain requirements on Dupont regarding the new compound and those requirements are required to be achieved independent of Consent Order No. 7418 that is proposed by the WV DEP. The WV DEP reviewed the toxicological information provided by Dupont regarding the new compound. Chronic studies which provide data regarding long-term impacts are still being conducted by Dupont on the new compound and are not yet complete. Although such long-term studies are preferable, toxicological data from shorter-term (e.g. subchronic) studies may be used to determine a suitable toxicity criterion, provided an additional safety factor is applied. Thus the agency utilized subchronic (90 day) data developed by DuPont in support of its PMN submission (subsequent to the 2009 TSCA Consent Order), incorporating appropriate safety/uncertainty factors, in order to calculate a risk-based Drinking Water Equivalent Level (DWEL) for the new compound. As a courtesy, the agency has attached a memo prepared by a WV DEP toxicologist which summarizes how the agency arrived at the risk-based DWEL. As the requisite chronic studies are completed in the future, the agency will revisit and revise, as necessary, the value indicated in the WV DEP Consent Order. However, based on the information provided and all other information available at this time, the WV DEP has determined that the requirements imposed will be protective of West Virginia's narrative water quality standards found in 47 CSR 2, Section 3 of the West Virginia Legislative Rules.

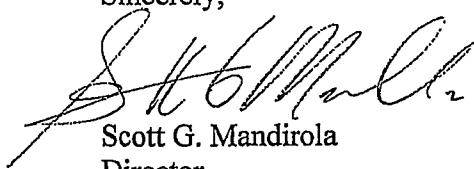
3. ***Comment: A public hearing is requested.***

The agency received three (3) requests for a public hearing regarding the consent order. Based on the limited comments received by the agency and resultant limited requests for a public hearing, the agency has determined that a public hearing is not warranted.

The agency would like to thank you for taking the time to submit comments.

The Division of Water and Waste Management issued Consent Order No. 7418 on January 31, 2012. Thank you for your interest in this order.

Sincerely,

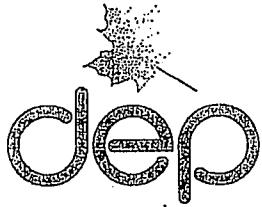


A handwritten signature in black ink, appearing to read "S. G. Mandriola".

Scott G. Mandriola
Director

Enclosure

cc w/enclosure: U.S. EPA Region 3
Env. Inspector Supervisor
Env. Inspector



west virginia department of environmental protection

Office of Environmental Remediation
131A Peninsula Street
Wheeling, WV 26003
Phone: 304-238-1220/Fax: 304-238-1006

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

MEMORANDUM

To: Yogesh Patel
Matthew Sweeney

From: Lawrence P. Sirinek, Ph.D. LPS

Date: January 31, 2012

Subject: DuPont GenX Toxicity

CC: Pat Campbell
Scott Mandriola
Ken Ellison
Don Martin

I have completed my review of the documentation provided by DuPont regarding the toxicity of GenX Compound A and Compound B. As I requested redacted documents, the identities and chemical differences between the substances were not provided; however, most of the toxicological studies appear to involve compound B. For this reason I have focused my discussion on this compound. The relevance of the different compounds as they relate to permitted discharges should be clarified with DuPont.

With regard to ecological endpoints, I concur with the points provided in the documents provided by DuPont. Thus, 4.2 mg/L, reported as the 21 day NOEC (no observed effect concentration) for *Daphnia magna* seems to be an appropriate endpoint for use in determining discharge levels that would protect aquatic receptors.

With regard to human health effects, there were no data from chronic studies performed in either rats or primates contained in the material provided by DuPont. Chronic studies in both rats and mice are apparently ongoing, however data was not provided. While these data would be preferable, derivation of an appropriate toxicity criterion for human health can be based on a subchronic (90 day) study performed in rats. In this particular study, DuPont indicates a NOAEL (no observed adverse effect level) at 10 mg/kg/day, based on evidence of regenerative anemia in males at 100 mg/kg/d and females at 1000 mg/kg/d. Other effects were reported, but are likely attributable to mechanisms that are often considered irrelevant to potential human toxicity (e.g. PPAR α agonists).

With regard to the NOAEL, it must be noted that male rats exposed at this concentration (10 mg/kg/day) did exhibit significant decreases in erythrocyte (red blood cell) counts, hematocrit, and hemoglobin levels that are also indicative of anemia. DuPont considers the anemia

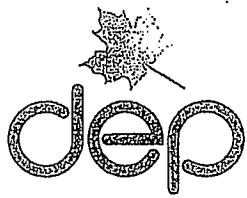
Promoting a healthy environment.

described by these parameters as non-adverse in this group, since the animals lacked evidence of compensatory erythrocyte production (e.g. elevated reticulocyte counts). On the other hand, while the reticulocyte counts were not significantly elevated in this group, there was a clear, dose-dependent trend in the mean reticulocyte count at week 13. Unfortunately it cannot be determined whether continued dosing beyond this time point would have resulted in more dramatic indications of a compensatory response, or whether the impact was sufficiently limited at the 10 mg/kg/day dose, such that no compensatory response was needed. Absent more definitive data, the depressed red cell counts, hematocrit and hemoglobin levels should be sufficient to constitute a health-protective endpoint for purposes of assessing the potential impacts from chronic exposure to the test compound. Additional consideration should be made when results of the chronic study are provided.

On the basis of a revised NOAEL of 0.1 mg/kg/day, and applying relevant uncertainty factors for chronic to subchronic extrapolation (10) and rat to human extrapolation (10), the oral reference dose (RfD_0) = 0.001 mg/kg/day. Based upon this value, a reasonable risk-based drinking water equivalent level (DWEL) assuming total intake of the substance from a contaminated source would be 35 µg/L. As discussed in subsequent communications, a source adjustment of 50% could reasonably be applied to this value to allow for potential intake from other sources. Use of this adjustment would result in a final DWEL of 18 µg/L. Based upon the information provided by DuPont, I believe this value would protect both human health and the environment.

I hope this discussion is helpful. Please contact me should you require further discussion or clarification.

EXHIBIT H



west virginia department of environmental protection

Division of Water and Waste Management
601 57th Street SE
Charleston, WV 25304-2345
Telephone Number: (304) 926-0495
Fax Number: (304) 926-0463

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

January 31, 2012

Mr. Joseph K. Kiger
#97 Terra Rosa Drive
Washington, WV 26181

91 7108 2133 3939 2099 3075

CERTIFIED MAIL RETURN RECEIPT REQUESTED

Re: WV/NPDES Permit No. WV0001279
Consent Order No. 7418 Comments

Dear Mr. Kiger:

This correspondence is in response to your comment letter dated December 13, 2011 regarding draft Consent Order No. 7418 for WV/NPDES Permit No. WV0001279 issued to the Dupont - Washington Works facility. Comments are summarized first in bold italics followed by the agency's responses.

1. Comment: *The order should not allow Dupont to discharge the new compound until all of the treatment upgrades are completed.*

The existing treatment employed at the facility will provide treatment of the new compound. The additional treatment proposed by the permittee will enhance treatment and allow for less frequent change-outs of activated carbon from the existing carbon bed system. Regardless of the treatment enhancements to be made by the permittee, the effluent limitations for the new compound are effective immediately upon issuance of the consent order and will be protective of the water quality standards and designated uses of the Ohio River.

2. Comment: *The order shouldn't be issued without explaining the new compound, its effects on people and the environment, its toxicity, and how the DEP arrived at the safety levels and monitoring requirements for the new compound.*

The new compound (C3 Dimer Acid/Salt) is a new fluoropolymer compound that Dupont is representing as an ultimate replacement for the existing fluoropolymer known as C8 (or PFOA, perfluorooctanoic acid). Dupont entered into a Toxic Substances Control Act Consent (TSCA) Consent Order with the U.S. EPA in January 2009 which granted Dupont approval, under conditions set forth in the TSCA Consent Order, to manufacture, process, and distribute the new compound. The U.S. EPA TSCA Consent Order

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prescribed certain requirements and toxicological studies regarding the new compound. In 2011, Dupont provided toxicological data to the WV DEP as well as plans to begin production of the new compound. As noted, the U.S. EPA TSCA Consent Order prescribes certain requirements on Dupont regarding the new compound and those requirements are required to be achieved independent of Consent Order No. 7418 that is proposed by the WV DEP. The WV DEP reviewed the toxicological information provided by Dupont regarding the new compound. Chronic studies which provide data regarding long-term impacts are still being conducted by Dupont on the new compound and are not yet complete. Although such long-term studies are preferable, toxicological data from shorter-term (e.g. subchronic) studies may be used to determine a suitable toxicity criterion, provided an additional safety factor is applied. Thus the agency utilized subchronic (90 day) data developed by DuPont in support of its PMN submission (subsequent to the 2009 TSCA Consent Order), incorporating appropriate safety/uncertainty factors, in order to calculate a risk-based Drinking Water Equivalent Level (DWEL) for the new compound. As a courtesy, the agency has attached a memo prepared by a WV DEP toxicologist which summarizes how the agency arrived at the risk-based DWEL. As the requisite chronic studies are completed in the future, the agency will revisit and revise, as necessary, the value indicated in the WV DEP Consent Order. However, based on the information provided and all other information available at this time, the WV DEP has determined that the requirements imposed will be protective of West Virginia's narrative water quality standards found in 47 CSR 2, Section 3 of the West Virginia Legislative Rules.

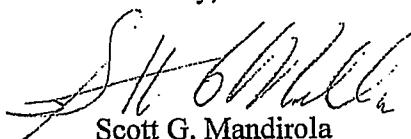
3. *Comment: A public hearing is requested.*

The agency received three (3) requests for a public hearing regarding the consent order. Based on the limited comments received by the agency and resultant limited requests for a public hearing, the agency has determined that a public hearing is not warranted.

The agency would like to thank you for taking the time to submit comments.

The Division of Water and Waste Management issued Consent Order No. 7418 on January 31, 2012. Thank you for your interest in this order.

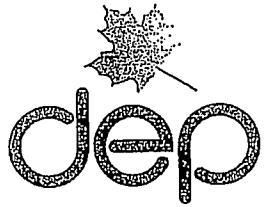
Sincerely,



Scott G. Mandriola
Director

Enclosure

cc w/enclosure: U.S. EPA Region 3
Env. Inspector Supervisor
Env. Inspector



west virginia department of environmental protection

Office of Environmental Remediation
131A Peninsula Street
Wheeling, WV 26003
Phone: 304-238-1220/Fax: 304-238-1006

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

MEMORANDUM

To: Yogesh Patel
Matthew Sweeney

From: Lawrence P. Sirinek, Ph.D. LPS

Date: January 31, 2012

Subject: DuPont GenX Toxicity

CC: Pat Campbell
Scott Mandriola
Ken Ellison
Don Martin

I have completed my review of the documentation provided by DuPont regarding the toxicity of GenX Compound A and Compound B. As I requested redacted documents, the identities and chemical differences between the substances were not provided; however, most of the toxicological studies appear to involve compound B. For this reason I have focused my discussion on this compound. The relevance of the different compounds as they relate to permitted discharges should be clarified with DuPont.

With regard to ecological endpoints, I concur with the points provided in the documents provided by DuPont. Thus, 4.2 mg/L, reported as the 21 day NOEC (no observed effect concentration) for *Daphnia magna* seems to be an appropriate endpoint for use in determining discharge levels that would protect aquatic receptors.

With regard to human health effects, there were no data from chronic studies performed in either rats or primates contained in the material provided by DuPont. Chronic studies in both rats and mice are apparently ongoing, however data was not provided. While these data would be preferable, derivation of an appropriate toxicity criterion for human health can be based on a subchronic (90 day) study performed in rats. In this particular study, DuPont indicates a NOAEL (no observed adverse effect level) at 10 mg/kg/day, based on evidence of regenerative anemia in males at 100 mg/kg/d and females at 1000 mg/kg/d. Other effects were reported, but are likely attributable to mechanisms that are often considered irrelevant to potential human toxicity (e.g. PPAR α agonists).

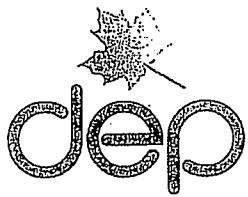
With regard to the NOAEL, it must be noted that male rats exposed at this concentration (10 mg/kg/day) did exhibit significant decreases in erythrocyte (red blood cell) counts, hematocrit, and hemoglobin levels that are also indicative of anemia. DuPont considers the anemia

described by these parameters as non-adverse in this group, since the animals lacked evidence of compensatory erythrocyte production (e.g. elevated reticulocyte counts). On the other hand, while the reticulocyte counts were not significantly elevated in this group, there was a clear, dose-dependent trend in the mean reticulocyte count at week 13. Unfortunately it cannot be determined whether continued dosing beyond this time point would have resulted in more dramatic indications of a compensatory response, or whether the impact was sufficiently limited at the 10 mg/kg/day dose, such that no compensatory response was needed. Absent more definitive data, the depressed red cell counts, hematocrit and hemoglobin levels should be sufficient to constitute a health-protective endpoint for purposes of assessing the potential impacts from chronic exposure to the test compound. Additional consideration should be made when results of the chronic study are provided.

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I hope this discussion is helpful. Please contact me should you require further discussion or clarification.

EXHIBIT I



west virginia department of environmental protection

Division of Water and Waste Management
601 57th Street SE
Charleston, WV 25304-2345
Telephone Number: (304) 926-0495
Fax Number: (304) 926-0463

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

January 31, 2012

Mr. D. David Altman
15 E 8th Street, Suite 200
Cincinnati, OH 45202

91 7108 2133 3939 2099 3051

CERTIFIED MAIL RETURN RECEIPT REQUESTED

Re: WV/NPDES Permit No. WV0001279
Consent Order No. 7418 Comments

Dear Mr. Altman:

This correspondence is in response to your comment letter dated December 13, 2011 regarding draft Consent Order No. 7418 for WV/NPDES Permit No. WV0001279 issued to the Dupont - Washington Works facility. Comments are summarized first in bold italics followed by the agency's responses.

1. Comment: The order should not allow Dupont to discharge the new compound until all of the treatment upgrades are completed.

The existing treatment employed at the facility will provide treatment of the new compound. The additional treatment proposed by the permittee will enhance treatment and allow for less frequent change-outs of activated carbon from the existing carbon bed system. Regardless of the treatment enhancements to be made by the permittee, the effluent limitations for the new compound are effective immediately upon issuance of the consent order and will be protective of the water quality standards and designated uses of the Ohio River.

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The new compound (C3 Dimer Acid/Salt) is a new fluoropolymer compound that Dupont is representing as an ultimate replacement for the existing fluoropolymer known as C8 (or PFOA, perfluorooctanoic acid). Dupont entered into a Toxic Substances Control Act

Promoting a healthy environment.

Consent (TSCA) Consent Order with the U.S. EPA in January 2009 which granted Dupont approval, under conditions set forth in the TSCA Consent Order, to manufacture, process, and distribute the new compound. The U.S. EPA TSCA Consent Order prescribed certain requirements and toxicological studies regarding the new compound. In 2011, Dupont provided toxicological data to the WV DEP as well as plans to begin production of the new compound. As noted, the U.S. EPA TSCA Consent Order prescribes certain requirements on Dupont regarding the new compound and those requirements are required to be achieved independent of Consent Order No. 7418 that is proposed by the WV DEP. The WV DEP reviewed the toxicological information provided by Dupont regarding the new compound. Chronic studies which provide data regarding long-term impacts are still being conducted by Dupont on the new compound and are not yet complete. Although such long-term studies are preferable, toxicological data from shorter-term (e.g. subchronic) studies may be used to determine a suitable toxicity criterion, provided an additional safety factor is applied. Thus the agency utilized subchronic (90 day) data developed by DuPont in support of its PMN submission (subsequent to the 2009 TSCA Consent Order), incorporating appropriate safety/uncertainty factors, in order to calculate a risk-based Drinking Water Equivalent Level (DWEL) for the new compound. As a courtesy, the agency has attached a memo prepared by a WV DEP toxicologist which summarizes how the agency arrived at the risk-based DWEL. As the requisite chronic studies are completed in the future, the agency will revisit and revise, as necessary, the value indicated in the WV DEP Consent Order. However, based on the information provided and all other information available at this time, the WV DEP has determined that the requirements imposed will be protective of West Virginia's narrative water quality standards found in 47 CSR 2, Section 3 of the West Virginia Legislative Rules.

3. Comment: The proposed Order appears to exceed WV DEP's authority for modifying administratively extended permits.

As noted in the Consent Order, the permit cannot be currently modified because it has been administratively extended. The agency is continuing to process the reissuance of WV/NPDES Permit No. WV0001279, but does not expect the permit to be reissued in the near future. Therefore, the agency processed this Consent Order as the best available means to address upgrades at the facility and the production of the new compound.

4. Comment: The proposed Order relies on Dupont's own interpretation of the 99% efficiency requirement in the U.S. EPA TSCA Order without independent interpretation by WV DEP or confirmation by U.S. EPA.

Please note that the 99% efficiency requirement is not part of WV DEP's Consent Order and was a requirement determined by the U.S. EPA. Its reference in the WV DEP document was noted as a "Finding of Fact" in order to provide background information regarding prior events. For this reason, the WV DEP cannot provide insight or justification for the requirements in the TSCA Order. Any questions regarding the TSCA

Order should be directed to the U.S. EPA. Please note that the requirements in Consent Order No. 7418 are independent of the requirements in the TSCA Order, but also do not supersede said requirements.

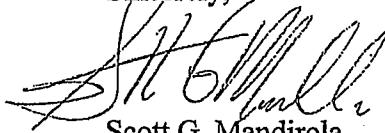
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The agency would like to thank you for taking the time to submit comments.

The Division of Water and Waste Management issued Consent Order No. 7418 on January 31, 2012. Thank you for your interest in this order.

Sincerely,

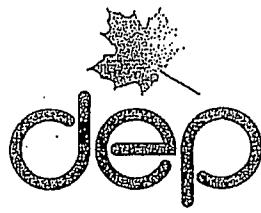


Scott G. Mandriola
Director

Enclosure

cc w/enclosure: U.S. EPA Region 3
Env. Inspector Supervisor
Env. Inspector

Little Hocking Water Association, Inc.
3998 State Route 124
PO Box 188
Little Hocking, OH 45742



west virginia department of environmental protection

Office of Environmental Remediation
131A Peninsula Street
Wheeling, WV 26003
Phone: 304-238-1220/Fax: 304-238-1006

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

MEMORANDUM

To: Yogesh Patel
Matthew Sweeney

From: Lawrence P. Sirinek, Ph.D. LPS

Date: January 31, 2012

Subject: DuPont GenX Toxicity

CC: Pat Campbell
Scott Mandriola
Ken Ellison
Don Martin

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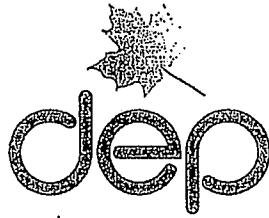
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I hope this discussion is helpful. Please contact me should you require further discussion or clarification.

EXHIBIT J



west virginia department of environmental protection

Division of Water and Waste Management
601 57th Street SE
Charleston, WV 25304-2345
Telephone Number: (304) 926-0495
Fax Number: (304) 926-0463

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

91 7108 2133 3939 2099 3082

**CONSENT ORDER
ISSUED UNDER THE
WATER POLLUTION CONTROL ACT
WEST VIRGINIA CODE, CHAPTER 22, ARTICLE 11**

TO: E. I. du Pont de Nemours and Company
Washington Works
c/o Karl J. Boelter, Plant Manager
P. O. Box 1217
Washington, WV 26181-1217

DATE: January 31, 2012
ORDER NO.: 7418

INTRODUCTION

This Consent Order is issued by the Director of the Division of Water and Waste Management, Department of Environmental Protection, (hereinafter, the "Director") under the authority of Chapter 22, Article 11, Section 1, *et seq.* of the Code of West Virginia to E. I. du Pont de Nemours and Company (hereinafter "DuPont").

FINDINGS OF FACT

In support of this Order, the Director hereby finds the following:

1. DuPont operates a multiple product line manufacturing facility and associated industrial wastewater treatment plant located in Washington, Wood County, West Virginia. This facility is known as the Washington Works Plant ("Facility" or the "Plant").
2. This Facility is permitted under WV/NPDES Permit No. WV0001279 (the "Permit"), issued August 4, 2003 to authorize the Plant's point source discharges into the Ohio River or tributaries thereof.
3. In accordance with 47 CSR 10-4.3, DuPont timely applied for renewal of the Permit on December 20, 2007, over 180 days prior to the Permit's scheduled expiration date of June 30, 2008.

4. Since DuPont's submittal of its renewal application, WVDEP has administratively extended the Permit. As of the date of this Consent Order, the Permit remains administratively extended until December 31, 2011.
5. DuPont has developed patented technology for a new-generation processing aid for the production of high-performance fluoropolymers using a new compound C3 Dimer Acid/Salt (CAS # 13252-13-6 and CAS # 62037-80-3) (hereafter the "New Compound"). DuPont represents that this technology is a sustainable solution that includes a new processing aid with a favorable toxicological profile and rapid bioelimination. DuPont further represents that it will utilize environmental control technologies that reduce environmental release and exposure. The U.S. EPA, through a Toxic Substances Control Act Section 5(e) Consent Order ("TSCA Order") executed by DuPont on January 28, 2009, granted DuPont approval, under conditions set forth in the TSCA Order, to commercially manufacture, process, and distributes the processing aid. The TSCA Order requires that DuPont shall recover and capture (destroy) or recycle the New Compound "at an overall efficiency of 99% from all the effluent streams and the air emissions (point source and fugitive)." This requirement is interpreted by DuPont to be applied in the aggregate on an annual basis, for all U.S. sites where the New Compound is used. The wastewater treatment system for the Facility's fluoropolymers processes will be modified to achieve the TSCA Order requirements at present and future production capacity.
6. At this time, based on the results of its ongoing research and development activities, DuPont is planning to undertake construction of related upgrades to the Facility's wastewater treatment system for fluoropolymers processes currently discharging through internal Outlets 102 and 305, in conjunction with the use of the New Compound, and to commence the initial phase of commercial-scale production using the New Compound.
7. The planned upgrades to the fluoropolymers wastewater treatment system include new higher efficiency processing aid recovery, addition of a new reverse osmosis ("RO") system, and expansion of the existing carbon bed systems.
8. The Director cannot modify a WV/NPDES permit that has been administratively extended beyond its original expiration date. Accordingly, WVDEP cannot currently modify the Permit to authorize DuPont to scale up the use of the New Compound, to discharge the New Compound, and to undertake the related wastewater treatment plant upgrades described in Paragraphs 6-7, above.
9. DuPont provided toxicity data to WVDEP in March of 2011. Since that time, ongoing dialogue has occurred and additional information shared between the parties regarding the planned upgrades and the New Compound. On August 3, 2011, DuPont provided additional toxicological information as well as plans to begin production using the New Compound to the WVDEP.
10. The parties have entered into this Consent Order as the most expedient mechanism to allow DuPont to begin construction activities in connection with necessary upgrades to the wastewater treatment system and to commence commercial scale production using

the New Compound, as described in Paragraphs 5 and 6 above, pending the Director's renewal of the Permit. This Consent Order does not constitute and shall not be construed as a finding by the Director that DuPont has committed any violation(s) of the terms and conditions of the Permit.

ORDER FOR COMPLIANCE

Now, therefore, in accordance with Chapter 22, Article 11, Section 1 *et seq.* of the West Virginia Code, it is hereby ORDERED by the Director as follows:

1. DuPont shall undertake construction activities associated with the above-described wastewater treatment plant upgrades in accordance with the following schedule:
 - a. Modifications to the Granular Mother Liquor ("GML")/Lamella system to achieve enhanced solids removal shall be initiated no later than six months after the effective date of this Consent Order.
 - b. Construction of a new stage 1 RO unit with new membrane technology for enhanced processing aid recovery shall be initiated no later than 12 months after the effective date of this Consent Order.
 - c. Sub-micron filtration and additional RO units for recovery of processing aid from previously non-recoverable process streams, and carbon beds for capture of processing aid shall be installed no later than 24 months after the effective date of this Consent Order.
 - d. Additional carbon beds in W9 Line 1 for enhanced abatement capability when carbon change-outs occur shall be installed no later than 24 months after the effective date of this Consent Order.
 - e. Connection of production areas to new recovery/abatement system as reflected in the permit application shall occur no later than 24 months after the effective date of this Consent Order.
2. During the period of transition to the new processing aid and treatment system upgrades, wastewaters from fluoropolymers processes covered by these changes shall continue to be treated by existing treatment facilities such that all wastestreams that are currently receiving treatment via activated carbon will continue to receive such treatment. DuPont has indicated that the New Compound will require more frequent change-outs of carbon in the carbon beds in order to maintain treatment removal efficiencies. DuPont shall replace the lead bed of granulated activated carbon within seven (7) days of detecting break-through of the New Compound from the lead bed while maintaining an effective polish bed in the system or cease discharge from the affected carbon bed system. Should monitoring detect break-through from the final polish bed, DuPont shall cease discharge from the affected carbon bed system within 24 hours of detecting such break-through until unspent carbon is in place to treat that wastestream. For purposes of this Consent Order, "break-through" will be deemed to have occurred when concentrations of the New Compound are detected at 1 mg/l or greater using the analytical method specified in Paragraph 5, below. This requirement shall apply to internal Outlets 102, 305 and a new internal monitoring location being designated as internal Outlet 605. Further, DuPont

DuPont Washington Works
Consent Order 7418
Page 4 of 6

shall operate and maintain the granulated activated carbon beds at internal Outlets 102, 305 and 605 in a manner to prevent the inhibition of treatment of other pollutants.

3. Based on the toxicological information provided and all other information available at this time, WVDEP has determined that a concentration of no more than 17.5 ug/l of the New Compound in the receiving stream outside of an applicable mixing zone will be protective of West Virginia's narrative water quality standards found in 47 CSR 2, Section 3 of the West Virginia Legislative Rules. To this end, WVDEP has established the discharge limitations for the New Compound as set out in Paragraph 4, below.
4. DuPont shall adhere to the following limitations and perform the following self-monitoring for the New Compound during the term of this Order in accordance with the following:

Outlet	Monthly Average	Maximum Daily	Units	Monitoring Frequency	Sample Type
102 ^A	Monitor	Monitor	ug/l	1/day ^D	Grab
102 ^B	Monitor	Monitor	ug/l	1/week ^D	Grab
305 ^A	Monitor	Monitor	ug/l	1/day ^D	Grab
305 ^B	Monitor	Monitor	ug/l	1/week ^D	Grab
605 ^{A,C}	Monitor	Monitor	ug/l	1/day ^D	Grab
605 ^{B,C}	Monitor	Monitor	ug/l	1/week ^D	Grab
002	77 ^E	112 ^E	ug/l	1/week	24-hour Composite
005	191 ^E	278 ^E	ug/l	1/week	24-hour Composite

^A Monitoring location after exiting lead activated carbon bed and prior to entering polish activated carbon bed.

^B Monitoring location after exiting the polish activated carbon bed.

^C Discharge from carbon treatment system located in building 127.

^D When discharging.

^E As discussed in Paragraph 3, above, these limits have been calculated to ensure a concentration of no more than 17.5 ug/l in the receiving stream outside of the applicable mixing zone, as determined by application of the mixing zone dilution factor for the respective outlet specified in the current Fact Sheet for the Permit.

5. Samples taken at Outlets 002 and 005 pursuant to Paragraph 4 above shall be analyzed by Liquid Chromatography/Mass Spectrometry/Mass Spectrometry ("LC/MS/MS") with a method detection limit ("MDL") of 1 ug/l or less. Samples taken at internal Outlets 102, 305 and 605 pursuant to Paragraph 4 above shall be analyzed by Liquid Chromatography ("LC") or Gas Chromatography ("GC") per internal plant method with an MDL of 1 mg/l or less.

6. Outlet results for sampling performed pursuant to Paragraph 4 above shall be reported monthly to the WVDEP on the attached Discharge Monitoring Reports ("DMRs"). In addition, DuPont shall maintain a log of the results of the daily monitoring required by Paragraph 4 at internal Outlets 102, 305 and 605, and shall submit this log to WVDEP on a monthly basis as an attachment to its DMR.
7. Commercial production using the New Compound and generating wastewaters for on-site treatment may commence upon the execution of this Order, subject to compliance with the provisions of this Order.
8. This Consent Order may be reopened and revised by agreement of the parties to prescribe additional and/or different requirements, including different monitoring requirements and/or increased or decreased discharge limitations, pursuant to any new information or data regarding the New Compound.
9. This Order shall terminate upon notification by DuPont that the actions required by the Order of Compliance have been completed and the Director's written concurrence therewith or upon the issuance by WVDEP of a renewed permit for the Facility that authorizes the activities covered by this Order that have not been completed as of that time, whichever occurs earlier.

OTHER PROVISIONS

1. DuPont hereby waives its right to appeal this Order under the provisions of Chapter 22, Article 11, Section 21 of the Code of West Virginia. Under this Order, DuPont agrees to take all actions required by the terms and conditions of this Order and consents to and will not contest the Director's jurisdiction regarding this Order. However, DuPont does not admit to any factual and legal determinations made by the Director and reserves all rights and defenses available regarding liability or responsibility in any proceedings regarding DuPont other than proceedings, administrative or civil, to enforce this Order.
2. If any event occurs which causes delay in the achievement of the requirements of this Order, DuPont shall have the burden of proving that the delay was caused by circumstances beyond its reasonable control which could not have been overcome by due diligence (i.e., force majeure). Force majeure shall not include delays caused or contributed to by the lack of sufficient funding. Within three (3) working days after DuPont becomes aware of such a delay, DuPont shall provide written notification to the Director. Within ten (10) working days of initial notification, DuPont shall submit a detailed written explanation of the anticipated length and cause of the delay, the measures taken and/or to be taken to prevent or minimize the delay, and a timetable by which DuPont intends to implement these measures. If the Director agrees that the delay has been or will be caused by circumstances beyond the reasonable control of DuPont (i.e., force majeure), the time for performance hereunder shall be extended for a period of time equal to the delay resulting from such circumstances. A force majeure amendment

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granted by the Director shall be considered a binding extension of this Order and of the requirements herein. The determination of the Director shall be final and not subject to appeal.

3. Compliance with the terms and conditions of this Order shall not in any way be construed as relieving DuPont of the obligation to comply with any applicable law, permit, other order, or any other requirement otherwise applicable. Violations of the terms and conditions of this Order may subject DuPont to additional penalties and injunctive relief in accordance with the applicable law.
4. The provisions of this Order are severable and should a court or board of competent jurisdiction declare any provisions to be invalid or unenforceable, all other provisions shall remain in full force and effect.
5. This Order is binding on DuPont, its successors and assigns.

This Order shall become effective upon the date on which a true and correct copy of this fully executed Order is received by DuPont.

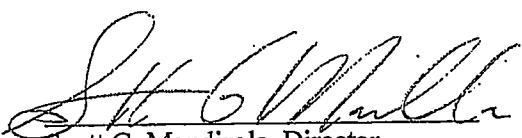


Karl J. Boelter, Plant Manager
Washington Works
E. I. du Pont de Nemours and Company

11/18/11
Date

Public Notice begin: November 26, 2012
Date

Public Notice end: December 26, 2012
Date



Scott G. Mandriola, Director
Division of Water and Waste Management
West Virginia Department of Environmental Protection

1/31/2012
Date

SGM:rt/mls

Enclosure(s)

cc: Environmental Inspector
Environmental Inspector Supervisor
EPA Region III

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Final Order Limitations
Year Round

FACILITY NAME: (WASHINGTON WORKS) E.I.DUPONT DE NEMOURS & CO
LOCATION OF FACILITY: WASHINGTON; Wood County
PERMIT NO.: WV0001279 OUTLET NO.: 002
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

Parameter	Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
	Units	N.E.									
50050 (ML-1) RFA Flow,in Conduit or thru plant Year Round	Reported N/A			N/A	15.4 Avg. Monthly	15.9 Max. Daily	N/A	mgd		1/week	measured
00310 (ML-1) RF-A BOD, 5-Day 20 Deg.C Year Round	Reported Permit Limits Avg. Monthly	632 1681 Max. Daily	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/week	24 hr Composite
00530 (ML-2) RF-A Total Suspended Solids Year Round	Reported Permit Limits Avg. Monthly	1879 5112 Max. Daily	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/week	24 hr Composite
00530 (ML-1) RF-A Total Suspended Solids Year Round	Reported Permit Limits Avg. Monthly	Rpt Only Max. Daily	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/week	24 hr Composite
00400 (ML-1) RF-A PH Year Round	Reported Permit Limits	N/A		Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	N/A	S.U.		Continuous	Recorded
00610 (ML-1) RF-A Ammonia Nitrogen Year Round	Reported Permit Limits Avg. Monthly	Rpt Only Max. Daily	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/week	24 hr Composite
50060 (ML-1) RF-A Chlorine, Total Residual Year Round	Reported Permit Limits Avg. Monthly	Rpt Only Max. Daily	Lbs/Day	N/A	39 Avg. Monthly	79 Max. Daily	100	ug/l		1/week	Grab
00940 (ML-1) RF-A Chloride (as Cl) Year Round	Reported Permit Limits Avg. Monthly	48000 72000 Max. Daily	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/week	24 hr Composite

* CEL = Compliance Evaluation Level

Name of Principal Executive Officer

Title of Officer

Date Completed

Signature of Principal Executive Officer or
Authorized Agent

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations.

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Final Order Limitations
Year Round

FACILITY NAME: (WASHINGTON WORKS) E.I.DUPOINT DE NEMOURS & CO

CERTIFIED LABORATORY NAME:

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS:

PERMIT NO.: WV0001279

OUTLET NO.: 002

WASTELOAD FOR THE MONTH OF:

INDIVIDUAL PERFORMING ANALYSIS:

Parameter	Quantity				Other Units				CEL*	Units	N.E.	Measurement Frequency	Sample Type
	Units	N.E.											
34423 (ML-1) RF-A Methylene Chloride Year Round	Reported .	Rpt Only Avg. Monthly	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	N/A	1/month	ug/l			Grab
82581 (ML-1) RF-A pH, No. of Excursions >60 min. Year Round	Reported	N/A	0 Max. Daily	Ocur/Mon	N/A	N/A	N/A	N/A					Continuous
82582 (ML-1) RF-A pH Excursions Total Time Year Round	Reported	N/A			N/A	N/A	446 Monthly Total	N/A					Continuous
39175 (ML-1) RF-G Vinyl Chloride Year Round	Reported	2.66 Avg. Monthly	4.72 Max. Daily	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A		ug/l		Once/5 years	Grab
39180 (ML-1) RF-B Trichloroethylene	Reported	0.71 Avg. Monthly	1.89 Max. Daily	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A		ug/l		1/quarter	Grab
39700 (ML-1) RF-G Hexachlorobenzene Year Round	Reported	5.38 Avg. Monthly	21.79 Max. Daily	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A		ug/l		Once/5 years	24 hr Composite
34030 (ML-1) RF-G Benzene Year Round	Reported	1.56 Avg. Monthly	3.68 Max. Daily	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A		ug/l		Once/5 years	Grab
34571 (ML-1) RF-G 1,4-Dichlorobenzene Year Round	Reported	3.9 Avg. Monthly	10.43 Max. Daily	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A		ug/l		Once/5 years	24 hr Composite

* CEL = Compliance Evaluation Level

Name of Principal Executive Officer _____

Title of Officer _____

Date Completed _____

Signature of Principal Executive Officer or
Authorized Agent _____

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**STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT**

Final Order Limitations
Year Round

FACILITY NAME: (WASHINGTON WORKS) E.I DUPONT DE NEMOURS & CO
 LOCATION OF FACILITY: WASHINGTON; Wood County
 PERMIT NO.: WV0001279
 WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
 CERTIFIED LABORATORY ADDRESS:

OUTLET NO.: 002

INDIVIDUAL PERFORMING ANALYSIS:

Parameter		Quantity			Units	N.E.		Other Units	CEL*	Units	N.E.	Measurement Frequency	Sample Type
		Units	N.E.	Other Units									
34591 (ML-1) RF-G	Reported	1.78	6.34	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	N/A	ug/l		Once/5 years	24 hr Composite
2-Nitrophenol Year Round	Permit Limits	Avg. Monthly	Max. Daily										
34616 (ML-1) RF-G	Reported	33.12	117.75	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	N/A	ug/l		Once/5 years	24 hr Composite
2,4-Dinitrophenol Year Round	Permit Limits	Avg. Monthly	Max. Daily										
34646 (ML-1) RF-G	Reported	4.45	15.81	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	N/A	ug/l		Once/5 years	24 hr Composite
4-Nitrophenol Year Round	Permit Limits	Avg. Monthly	Max. Daily										
34657 (ML-1) RF-G	Reported	2.14	7.6	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	N/A	ug/l		Once/5 years	24 hr Composite
4,6-Dinitro- <i>p</i> -cresol Year Round	Permit Limits	Avg. Monthly	Max. Daily										
34469 (ML-1) RF-G	Reported	0.55	1.32	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	N/A	ug/l		Once/5 years	24 hr Composite
Pyrene	Permit Limits	Avg. Monthly	Max. Daily										
34475 (ML-1) RF-G	Reported	1.43	4.5	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	N/A	ug/l		Once/5 years	24 hr Composite
Tetrachloroethylene Year Round	Permit Limits	Avg. Monthly	Max. Daily										
34496 (ML-1) RF-G	Reported	0.6	1.62	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	N/A	ug/l		Once/5 years	Grab
1,1 Dichloroethane Year Round	Permit Limits	Avg. Monthly	Max. Daily										
34501 (ML-1) RF-G	Reported	0.6	1.65	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	N/A	ug/l		Once/5 years	Grab
1,1-Dichloroethylene Year Round	Permit Limits	Avg. Monthly	Max. Daily										

* CEL = Compliance Evaluation Level

Name of Principal Executive Officer

Date Completed _____

Signature of Principal Executive Officer or
Authorized Agent

Name of Officer

Title of Officer

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STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Final Order Limitations
Year Round

FACILITY NAME: (WASHINGTON WORKS) E.I.DUPONT DE NEMOURS & CO

LOCATION OF FACILITY: WASHINGTON; Wood County

PERMIT NO.: WV0001279

OUTLET NO.: 002

WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:

CERTIFIED LABORATORY ADDRESS:

INDIVIDUAL PERFORMING ANALYSIS:

Parameter	Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
	Units	N.E.									
34526 (ML-1) RF-G	Reported	0.52	1.29	Lbs/Day			Rpt Only	Rpt Only	N/A	Once/5 years	24 hr Composite
Benzo (A) Anthracene Year Round	Permit Limits	Avg. Monthly	Max. Daily	N/A	Rpt Only	Avg. Monthly	Rpt Only	Max. Daily	N/A	Once/5 years	24 hr Composite
34536 (ML-1) RF-G	Reported	5.38	21.7	Lbs/Day			Rpt Only	Rpt Only	N/A	Once/5 years	24 hr Composite
1,2-Dichlorobenzene Year Round	Permit Limits	Avg. Monthly	Max. Daily	N/A	Rpt Only	Avg. Monthly	Rpt Only	Max. Daily	N/A	Once/5 years	24 hr Composite
34546 (ML-1) RF-G	Reported	0.69	1.81	Lbs/Day			Rpt Only	Rpt Only	N/A	Once/5 years	24 hr Composite
1,2-Trans-Dichloroethylene Year Round	Permit Limits	Avg. Monthly	Max. Daily	N/A	Rpt Only	Avg. Monthly	Rpt Only	Max. Daily	N/A	Once/5 years	24 hr Composite
34551 (ML-1) RF-G	Reported	5.38	21.79	Lbs/Day			Rpt Only	Rpt Only	N/A	Once/5 years	24 hr Composite
1,2,4-Trichlorobenzene Year Round	Permit Limits	Avg. Monthly	Max. Daily	N/A	Rpt Only	Avg. Monthly	Rpt Only	Max. Daily	N/A	Once/5 years	24 hr Composite
34566 (ML-1) RF-G	Reported	3.9	10.43	Lbs/Day			Rpt Only	Rpt Only	N/A	Once/5 years	24 hr Composite
1,3-Dichlorobenzene Year Round	Permit Limits	Avg. Monthly	Max. Daily	N/A	Rpt Only	Avg. Monthly	Rpt Only	Max. Daily	N/A	Once/5 years	24 hr Composite
34320 (ML-1) RF-G	Reported	0.52	1.29	Lbs/Day			Rpt Only	Rpt Only	N/A	Once/5 years	24 hr Composite
Chrysene Year Round	Permit Limits	Avg. Monthly	Max. Daily	N/A	Rpt Only	Avg. Monthly	Rpt Only	Max. Daily	N/A	Once/5 years	24 hr Composite
34336 (ML-1) RF-G	Reported	1.26	3.1	Lbs/Day			Rpt Only	Rpt Only	N/A	Once/5 years	24 hr Composite
Diethyl Phthalate Year Round	Permit Limits	Avg. Monthly	Max. Daily	N/A	Rpt Only	Avg. Monthly	Rpt Only	Max. Daily	N/A	Once/5 years	24 hr Composite
34341 (ML-1) RF-G	Reported	0.52	1.29	Lbs/Day			Rpt Only	Rpt Only	N/A	Once/5 years	24 hr Composite
Dimethyl Phthalate Year Round	Permit Limits	Avg. Monthly	Max. Daily	N/A	Rpt Only	Avg. Monthly	Rpt Only	Max. Daily	N/A	Once/5 years	24 hr Composite

* CEL = Compliance Evaluation Level

Name of Principal Executive Officer

Date Completed Signature of Principal Executive Officer or
Authorized Agent

Title of Officer

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STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Final Order Limitations
Year Round

FACILITY NAME: (WASHINGTON WORKS) E.I.DUPONT DE NEMOURS & CO
 LOCATION OF FACILITY: WASHINGTON; Wood County
 PERMIT NO.: WV0001279
 WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
 CERTIFIED LABORATORY ADDRESS:

INDIVIDUAL PERFORMING ANALYSIS:

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
		Units	N.E.									
34376 (ML-1) RF-G	Reported	1.48	Lbs/Day	N/A	Rpt Only	Rpt Only	N/A	N/A	ug/l		Once/5 years	24 hr Composite
Fluoranthene Year Round	Permit Limits	0.6 Avg. Monthly	Max. Daily		Avg. Monthly	Max. Daily						
34381 (ML-1) RF-G	Reported	1.29	Lbs/Day	N/A	Rpt Only	Rpt Only	N/A	N/A	ug/l		Once/5 years	24 hr Composite
Fluorene- Year Round	Permit Limits	0.52 Avg. Monthly	Max. Daily		Avg. Monthly	Max. Daily						
34396 (ML-1) RF-G	Reported	21.79	Lbs/Day	N/A	Rpt Only	Rpt Only	N/A	N/A	ug/l		Once/5 years	24 hr Composite
Hexachloroethane Year Round	Permit Limits	5.38 Avg. Monthly	Max. Daily		Avg. Monthly	Max. Daily						
34418 (ML-1) RF-A	Reported	1.29	Lbs/Day	N/A	Rpt Only	Rpt Only	N/A	N/A	ug/l		1/month	Grab
Methyl Chloride Year Round	Permit Limits	0.52 Avg. Monthly	Max. Daily		Avg. Monthly	Max. Daily						
34447 (ML-1) RF-G	Reported	175.68	Lbs/Day	N/A	Rpt Only	Rpt Only	N/A	N/A	ug/l		Once/5 years	24 hr Composite
Nitrobenzene Year Round	Permit Limits	61.39 Avg. Monthly	Max. Daily		Avg. Monthly	Max. Daily						
34461 (ML-1) RF-G	Reported	1.29	Lbs/Day	N/A	Rpt Only	Rpt Only	N/A	N/A	ug/l		Once/5 years	24 hr Composite
Phenanthrene Year Round	Permit Limits	0.52 Avg. Monthly	Max. Daily		Avg. Monthly	Max. Daily						
34200 (ML-1) RF-G	Reported	1.29	Lbs/Day	N/A	Rpt Only	Rpt Only	N/A	N/A	ug/l		Once/5 years	24 hr Composite
Acenaphthylene Year Round	Permit Limits	0.52 Avg. Monthly	Max. Daily		Avg. Monthly	Max. Daily						
34205 (ML-1) RF-G	Reported	1.29	Lbs/Day	N/A	Rpt Only	Rpt Only	N/A	N/A	ug/l		Once/5 years	24 hr Composite
Acenaphthene Year Round	Permit Limits	0.52 Avg. Monthly	Max. Daily		Avg. Monthly	Max. Daily						

* CEL = Compliance Evaluation Level

Name of Principal Executive Officer

Title of Officer

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations.

Date Completed	Signature of Principal Executive Officer or Authorized Agent
_____	_____

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Final Order Limitations
Year Round

FACILITY NAME: (WASHINGTON WORKS) E.I. DUPONT DE NEMOURS & CO

LOCATION OF FACILITY: WASHINGTON; Wood County

PERMIT NO.: WV0001279

OUTLET NO.: 002

WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:

CERTIFIED LABORATORY ADDRESS:

INDIVIDUAL PERFORMING ANALYSIS:

Parameter		Quantity			Other Units	CEL*	Units	N.E.	Measurement Frequency	Sample Type
		Units	N.E.							
34215 (ML-1) RF-G	Reported	2.58	6.37	Lbs/Day	N/A	Rpt Only	Rpt Only	N/A	ug/l	Once/5 years
Acrylonitrile Year Round	Permit Limits	Avg. Monthly	Max. Daily		Avg. Monthly	Max. Daily	Max. Daily	N/A	ug/l	Grab
34220 (ML-1) RF-G	Reported	0.52	1.29	Lbs/Day	N/A	Rpt Only	Rpt Only	N/A	ug/l	Once/5 years
Anthracene Year Round	Permit Limits	Avg. Monthly	Max. Daily		Avg. Monthly	Max. Daily	Max. Daily	N/A	ug/l	24 hr Composite
34242 (ML-1) RF-G	Reported	0.52	1.29	Lbs/Day	N/A	Rpt Only	Rpt Only	N/A	ug/l	Once/5 years
Benzo (K) Fluoranthene Year Round	Permit Limits	Avg. Monthly	Max. Daily		Avg. Monthly	Max. Daily	Max. Daily	N/A	ug/l	24 hr Composite
34247 (ML-1) RF-G	Reported	0.55	1.32	Lbs/Day	N/A	Rpt Only	Rpt Only	N/A	ug/l	Once/5 years
Benzo (A) Pyrene Year Round	Permit Limits	Avg. Monthly	Max. Daily		Avg. Monthly	Max. Daily	Max. Daily	N/A	ug/l	Once/5 years
34301 (ML-1) RF-G	Reported	3.9	10.43	Lbs/Day	N/A	Rpt Only	Rpt Only	N/A	ug/l	Once/5 years
Chlorobenzene Year Round	Permit Limits	Avg. Monthly	Max. Daily		Avg. Monthly	Max. Daily	Max. Daily	N/A	ug/l	Grab
34506 (ML-1) RF-G	Reported	0.6	1.62	Lbs/Day	N/A	Rpt Only	Rpt Only	N/A	ug/l	Once/5 years
1,1,1-Trichloroethane Year Round	Permit Limits	Avg. Monthly	Max. Daily		Avg. Monthly	Max. Daily	Max. Daily	N/A	ug/l	Grab
34511 (ML-1) RF-G	Reported	0.88	3.49	Lbs/Day	N/A	Rpt Only	Rpt Only	N/A	ug/l	Once/5 years
1,1,2-Trichloroethane Year Round	Permit Limits	Avg. Monthly	Max. Daily		Avg. Monthly	Max. Daily	Max. Daily	N/A	ug/l	Grab
34541 (ML-1) RF-G	Reported	5.38	21.79	Lbs/Day	N/A	Rpt Only	Rpt Only	N/A	ug/l	Once/5 years
1,2-Dichloropropane Year Round	Permit Limits	Avg. Monthly	Max. Daily		Avg. Monthly	Max. Daily	Max. Daily	N/A	ug/l	Grab

* CEL = Compliance Evaluation Level

Name of Principal Executive Officer _____

Title of Officer _____

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penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations.

Date Completed _____

Signature of Principal Executive Officer or
Authorized Agent _____

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Final Order Limitations
 Year Round

FACILITY NAME: (WASHINGTON WORKS) E I DUPONT DE NEMOURS & CO

LOCATION OF FACILITY: WASHINGTON; Wood County

PERMIT NO.: WW0001279

WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:

CERTIFIED LABORATORY ADDRESS:

INDIVIDUAL PERFORMING ANALYSIS:

Parameter	Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
	Units	N.E.	CEL	Units	N.E.	CEL					
34606 (Ml-1) RF-G 2,4-Dimethylphenol Year Round	Reported Permit Limits Avg. Monthly	0.52 1.29 Max. Daily	Lbs/Day N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A N/A	ug/l ug/l	Once/5 years Once/5 years	24 hr 24 hr	Composite Composite	
39110 (Ml-1) RF-G Di-n-butyl Phthalate Year Round	Reported Permit Limits Avg. Monthly	0.55 1.18 Max. Daily	Lbs/Day N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A N/A	ug/l ug/l	Once/5 years Once/5 years	24 hr 24 hr	Composite Composite	
22456 (Ml-1) RF-G Total PAH Year Round	Reported Permit Limits Avg. Monthly	Rpt Only Max. Daily	Lbs/Day N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A N/A	ug/l ug/l	Once/5 years Once/5 years	24 hr 24 hr	Composite Composite	
32103 (Ml-1) RF-G 1,2-Dichloroethane Year Round	Reported Permit Limits Avg. Monthly	4.94 15.75 Max. Daily	Lbs/Day N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A N/A	ug/l ug/l	Once/5 years Once/5 years	24 hr 24 hr	Composite Composite	
34694 (Ml-1) RF-G Phenol, Single Compound Year Round	Reported Permit Limits Avg. Monthly	0.52 1.29 Max. Daily	Lbs/Day N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A N/A	ug/l ug/l	Once/5 years Once/5 years	24 hr 24 hr	Composite Composite	
39117 (Ml-1) RF-G Phthalate Esters Year Round	Reported Permit Limits Avg. Monthly	Rpt Only Max. Daily	Lbs/Day N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A N/A	ug/l ug/l	Once/5 years Once/5 years	24 hr 24 hr	Composite Composite	
79531 (Ml-1) RF-G 3,4 Benzofluoranthene Year Round	Reported Permit Limits Avg. Monthly	0.55 1.32 Max. Daily	Lbs/Day N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A N/A	ug/l ug/l	Once/5 years Once/5 years	24 hr 24 hr	Composite Composite	
85811 (Ml-1) RF-G Chloroethane Year Round	Reported Permit Limits Avg. Monthly	3.02 8.1 Max. Daily	Lbs/Day N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A N/A	ug/l ug/l	Once/5 years Once/5 years	24 hr 24 hr	Composite Composite	

* CEL = Compliance Evaluation Level

Name of Principal Executive Officer

Title of Officer

Date Completed

Signature of Principal Executive Officer or
 Authorized Agent

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**STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT**

Final Order Limitations
Year Round

FACILITY NAME: (WASHINGTON WORKS) E.I. DUPONT DE NEMOURS & CO
 LOCATION OF FACILITY: WASHINGTON; Wood County
 PERMIT NO.: WV0001279 OUTLET NO.: 002
 WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:

CERTIFIED LABORATORY ADDRESS:

INDIVIDUAL PERFORMING ANALYSIS:

Parameter		Quantity		Other Units		CEL*	Units	N.E.	Measurement Frequency	Sample Type
		Units	N.E.	Units	N.E.					
01012 (ML-1) RF-G	Reported	Rpt Only	Lbs/Day	N/A	Rpt Only	Rpt Only	N/A	ug/l	Once/5 years	24 hr Composite
Beryllium, Total (as Be)	Permit Limits	Avg. Monthly	Max. Daily		Avg. Monthly	Max. Daily				
78456 (ML-1) RF-A	Reported	0.1	0.19	Lbs/Day	N/A	Rpt Only	Rpt Only	N/A	1/month	Calculated
Other, Halomethanes	Permit Limits	Avg. Monthly	Max. Daily			Avg. Monthly	Max. Daily			
34010 (ML-1) RF-B	Reported	0.77	2.03	Lbs/Day	N/A	Rpt Only	Rpt Only	N/A	1/quarter	Grab
Toluene	Permit Limits	Avg. Monthly	Max. Daily			Avg. Monthly	Max. Daily			
32730 (ML-1) RF-G	Reported	Rpt Only	Lbs/Day	N/A	Rpt Only	Rpt Only	N/A	ug/l	Once/5 years	Grab
Phenolics, Total Recoverable	Permit Limits	Avg. Monthly	Max. Daily		Avg. Monthly	Max. Daily				
34371 (ML-1) RF-G	Reported	3.9	10.43	Lbs/Day	N/A	Rpt Only	Rpt Only	N/A	Once/5 years	Grab
Ethybenzene	Permit Limits	Avg. Monthly	Max. Daily		Avg. Monthly	Max. Daily				
34696 (ML-1) RF-G	Reported	0.52	1.29	Lbs/Day	N/A	Rpt Only	Rpt Only	N/A	Once/5 years	24 hr Composite
Naphthalene	Permit Limits	Avg. Monthly	Max. Daily		Avg. Monthly	Max. Daily				
39100 (ML-1) RF-G	Reported	2.61	7.08	Lbs/Day	N/A	Rpt Only	Rpt Only	N/A	Once/5 years	24 hr Composite
BIS(2-Ethylhexyl) Phthalate	Permit Limits	Avg. Monthly	Max. Daily		Avg. Monthly	Max. Daily				
00680 (ML-1) RF-A	Reported	Rpt Only	Lbs/Day	N/A	Rpt Only	Rpt Only	N/A	mg/l	1/month	24 hr Composite
Total Organic Carbon	Permit Limits	Avg. Monthly	Max. Daily		Avg. Monthly	Max. Daily				
Year Round										

* CEL = Compliance Evaluation Level

Name of Principal Executive Officer

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Date Completed	
Signature of Principal Executive Officer or Authorized Agent	

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Final Order Limitations
Year Round

FACILITY NAME: (WASHINGTON WORKS) E.I.DUPONT DE NEMOURS & CO

LOCATION OF FACILITY: WASHINGTON; Wood County

PERMIT NO.: WV0001279

WASTELOAD FOR THE MONTH OF:

OUTLET NO.: 002

CERTIFIED LABORATORY NAME:

CERTIFIED LABORATORY ADDRESS:

INDIVIDUAL PERFORMING ANALYSIS:

Parameter	Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
	Units	N.E.	Other	Units	CEL*	Units					
32102 (ML-1) RF-G	Reported	10.43	Lbs/Day	N/A	Rpt Only	Rpt Only	N/A	ug/l		Once/5 years	Grab
Carbon Tetrachloride	Permit Limits	3.9	Max. Daily		Avg. Monthly	Max. Daily					
Year Round	Permit Limits	Avg. Monthly									
32106 (ML-1) RF-B	Reported	8.92	Lbs/Day	N/A	Rpt Only	Rpt Only	N/A	ug/l		1/quarter	Grab
Chloroform	Permit Limits	3.05	Max. Daily		Avg. Monthly	Max. Daily					
Year Round	Permit Limits	Avg. Monthly									
81017 (ML-1) RF-B	Reported	Rpt Only	Lbs/Day	N/A	Rpt Only	Rpt Only	N/A	mg/l		1/quarter	24 hr Composite
Chem. Oxygen Demand	Permit Limits	Max. Daily			Avg. Monthly	Max. Daily					
Year Round	Permit Limits	Avg. Monthly									
51044 (ML-1) RF-G	Reported	21.79	Lbs/Day	N/A	Rpt Only	Rpt Only	N/A	ug/l		Once/5 years	Grab
1,3 Dichloropropylene	Permit Limits	5.38	Max. Daily		Avg. Monthly	Max. Daily					
Year Round	Permit Limits	Avg. Monthly									
34391 (ML-1) RF-G	Reported	10.43	Lbs/Day	N/A	Rpt Only	Rpt Only	N/A	ug/l		Once/5 years	24 hr Composite
Hexachlorobutadiene	Permit Limits	3.9	Max. Daily		Avg. Monthly	Max. Daily					
Year Round	Permit Limits	Avg. Monthly									
51065 (ML-1) RF-A	Reported	Rpt Only	Lbs/Day	N/A	Rpt Only	Rpt Only	N/A	ug/l		1/month	Grab
Ammonium Perfluorooctanoate	Permit Limits	Max. Daily			Avg. Monthly	Max. Daily					
Year Round	Permit Limits	Avg. Monthly									
51715 (ML-1) RF-A	Reported	N/A									
C3 Dimer Acid/Salt	Order Limits										
Year Round	Order Limits										

* CEL = Compliance Evaluation Level

Name of Principal Executive Officer	Date Completed
Title of Officer	Signature of Principal Executive Officer or Authorized Agent

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Final Order Limitations
Year Round

FACILITY NAME: (WASHINGTON WORKS) E.I DUPONT DE NEMOURS & CO

LOCATION OF FACILITY: WASHINGTON, Wood County

PERMIT NO.: WV0001279

WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:

CERTIFIED LABORATORY ADDRESS:

INDIVIDUAL PERFORMING ANALYSIS:

Parameter	Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
	Units	N.E.	Other	Units	N.E.	Other					
50050 (ML-1) RF-A Flow,in Conduit or thru plant Year Round	Reported N/A Permit Limits			N/A	59.07 Avg. Monthly	63.25 Max. Daily	N/A	mgd		1/week	measured
00310 (ML-1) RF-A BOD, 5-Day 20 Deg.C Year Round	Reported 1149 Permit Limits Avg. Monthly	3029 Max. Daily	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/week	24 hr Composite
00530 (ML-2) RF-A Total Suspended Solids Year Round	Reported 5101 Permit Limits Avg. Monthly	12190 Max. Daily	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/week	24 hr Composite
00530 (ML-1) RF-A Total Suspended Solids Year Round	Reported Rpt Only Avg. Monthly		Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/week	24 hr Composite
00400 (ML-1) RF-A pH Year Round	Reported N/A Permit Limits			6	N/A Inst. Min.	9 Inst. Max.	N/A	S.U.		1/daily	Grab
50060 (ML-1) RF-A Chlorine, Total Residual Year Round	Reported Rpt Only Avg. Monthly		Lbs/Day	N/A	98 Avg. Monthly	196 Max. Daily		ug/l	100	1/week	Grab
34423 (ML-1) RF-B Methylene Chloride Year Round	Reported Rpt Only Avg. Monthly		Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
39175 (ML-1) RF-G Vinyl Chloride Year Round	Reported 4.12 Permit Limits	8.68 Max. Monthly	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		Once/5 years	Grab

* CEL = Compliance Evaluation Level

Name of Principal Executive Officer

Title of Officer

Date Completed

Signature of Principal Executive Officer or
Authorized Agent

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STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Final Order Limitations
Year Round

FACILITY NAME: (WASHINGTON WORKS) E.I. DUPONT DE NEMOURS & CO
LOCATION OF FACILITY: WASHINGTON; Wood County
PERMIT NO.: WV0001279
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:

CERTIFIED LABORATORY ADDRESS:

OUTLET NO.: 005

INDIVIDUAL PERFORMING ANALYSIS:

Parameter		Quantity	Other Units				CEL*	Units	N.E.	Measurement Frequency	Sample Type
			Units	N.E.							
39180 (ML-1) RF-B	Reported	0.99	2.6	Lbs/Day			Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l	1/quarter
Trichloroethylene Year Round	Permit Limits	Avg. Monthly	Max. Daily								Grab
38700 (ML-1) RF-G	Reported	5.14	20.28	Lbs/Day			Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l	Once/5 years
Hexachlorobenzene Year Round	Permit Limits	Avg. Monthly	Max. Daily								24 hr Composite
34030 (ML-1) RF-G	Reported	2.03	5.57	Lbs/Day			Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l	Once/5 years
Benzene Year Round	Permit Limits	Avg. Monthly	Max. Daily								Grab
34571 (ML-1) RF-G	Reported	3.79	9.95	Lbs/Day			Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l	Once/5 years
1,4-Dichlorobenzene Year Round	Permit Limits	Avg. Monthly	Max. Daily								24 hr Composite
34586 (ML-1) RF-G	Reported	0.51	1.61	Lbs/Day			Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l	Once/5 years
2-Chlorophenol Year Round	Permit Limits	Avg. Monthly	Max. Daily								24 hr Composite
34591 (ML-1) RF-G	Reported	2.29	6.9	Lbs/Day			Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l	Once/5 years
2-Nitrophenol Year Round	Permit Limits	Avg. Monthly	Max. Daily								24 hr Composite
34601 (ML-1) RF-G	Reported	0.64	1.83	Lbs/Day			Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l	Once/5 years
2,4-Dichlorophenol Year Round	Permit Limits	Avg. Monthly	Max. Daily								24 hr Composite
34611 (ML-1) RF-G	Reported	1.85	4.67	Lbs/Day			Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l	Once/5 years
2,4-Dinitrotoluene Year Round	Permit Limits	Avg. Monthly	Max. Daily								24 hr Composite

* CEL = Compliance Evaluation Level

Name of Principal Executive Officer	Date Completed
Title of Officer	Signature of Principal Executive Officer or Authorized Agent

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STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Final Order Limitations
Year Round

FACILITY NAME: (WASHINGTON WORKS) E.I.DUPONT DE NEMOURS & CO

CERTIFIED LABORATORY NAME:

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS:

PERMIT NO.: WV0001279

OUTLET NO.: 005

WASTELOAD FOR THE MONTH OF:

INDIVIDUAL PERFORMING ANALYSIS:

Parameter		Quantity			Officer Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
		Units	N.E.									
34616 (Ml-1) RF-G	Reported											
2,4-Dinitrophenol Year Round	Permit Limits	31.29 Avg. Monthly	109.12 Max. Daily	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		Once/5 years	24 hr Composite
34626 (Ml-1) RF-G	Reported											
2,6-Dinitrotoluene Year Round	Permit Limits	4.18 Avg. Monthly	10.5 Max. Daily	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		Once/5 years	24 hr Composite
34646 (Ml-1) RF-G	Reported											
4-Nitrophenol Year Round	Permit Limits	5.22 Avg. Monthly	16.41 Max. Daily	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		Once/5 years	24 hr Composite
34657 (Ml-1) RF-G	Reported											
4,6-Dinitro-o-cresol Year Round	Permit Limits	3.23 Avg. Monthly	11.45 Max. Daily	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		Once/5 years	24 hr Composite
34469 (Ml-1) RF-G	Reported											
Pyrene Year Round	Permit Limits	0.91 Avg. Monthly	2.3 Max. Daily	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		Once/5 years	24 hr Composite
34475 (Ml-1) RF-G	Reported											
Tetrachloroethylene Year Round	Permit Limits	1.66 Avg. Monthly	5.82 Max. Daily	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		Once/5 years	Grab
34496 (Ml-1) RF-G	Reported											
1,1 Dichloroethane Year Round	Permit Limits	0.91 Avg. Monthly	2.44 Max. Daily	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		Once/5 years	Grab
34501 (Ml-1) RF-G	Reported											
1,1-Dichloroethylene Year Round	Permit Limits	0.81 Avg. Monthly	1.91 Max. Daily	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		Once/5 years	Grab

* CEL = Compliance Evaluation Level

Name of Principal Executive Officer

Title of Officer

Date Completed _____

Signature of Principal Executive Officer or
Authorized Agent

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STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Final Order Limitations
Year Round

FACILITY NAME: (WASHINGTON WORKS) ELDUPONT DE NEMOURS & CO

CERTIFIED LABORATORY NAME:

LOCATION OF FACILITY: WASHINGTON; Wood County

CERTIFIED LABORATORY ADDRESS:

PERMIT NO.: WV0001279OUTLET NO.: 005

WASTELOAD FOR THE MONTH OF:

INDIVIDUAL PERFORMING ANALYSIS:

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
		Units	N.E.									
34526 (ML-1) RF-G	Reported											
Benzo (A) Anthracene Year Round	Permit Limits	0.83 Avg. Monthly	2.14 Max. Daily	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		Once/5 years	24 hr Composite
34536 (ML-1) RF-G	Reported											
1,2-Dichlorobenzene Year Round	Permit Limits	6.15 Avg. Monthly	22.49 Max. Daily	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		Once/5 years	24 hr Composite
34546 (ML-1) RF-G	Reported											
1,2-Trans-Dichloroethylene Year Round	Permit Limits	0.96 Avg. Monthly	2.53 Max. Daily	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		Once/5 years	Grab
34551 (ML-1) RF-G	Reported											
1,2,4-Trichlorobenzene Year Round	Permit Limits	6 Avg. Monthly	22.11 Max. Daily	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		Once/5 years	24 hr Composite
34566 (ML-1) RF-G	Reported											
1,3-Dichlorobenzene Year Round	Permit Limits	4.05 Avg. Monthly	10.21 Max. Daily	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		Once/5 years	24 hr Composite
34320 (ML-1) RF-G	Reported											
Chrysene Year Round	Permit Limits	0.83 Avg. Monthly	2.14 Max. Daily	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		Once/5 years	24 hr Composite
34336 (ML-1) RF-G	Reported											
Diethyl Phthalate Year Round	Permit Limits	2.48 Avg. Monthly	6.14 Max. Daily	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		Once/5 years	24 hr Composite
34341 (ML-1) RF-G	Reported											
Dimethyl Phthalate Year Round	Permit Limits	0.78 Avg. Monthly	1.94 Max. Daily	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		Once/5 years	24 hr Composite

* CEL = Compliance Evaluation Level

Name of Principal Executive Officer	Date Completed
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Title of Officer	Signature of Principal Executive Officer or Authorized Agent
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I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations.

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Final Order Limitations
 Year Round

FACILITY NAME: (WASHINGTON WORKS) E.I.DUPONT DE NEMOURS & CO

LOCATION OF FACILITY: WASHINGTON; Wood County

PERMIT NO.: WV0001279

WASTE LOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:

CERTIFIED LABORATORY ADDRESS:

INDIVIDUAL PERFORMING ANALYSIS:

Parameter		Quantity		Units	N.E.			CEL*	Units	N.E.	Measurement Frequency	Sample Type
		Other Units										
34376 (ML-1) RF-G	Reported	0.96	2.46	Lbs/Day	N/A	Rpt Only	Rpt Only	N/A	ug/l		Once/5 years	24 hr Composite
Fluoranthene	Permit Limits	Avg. Monthly	Max. Daily			Avg. Monthly	Max. Daily					
Year Round												
34381 (ML-1) RF-G	Reported	0.83	2.08	Lbs/Day	N/A	Rpt Only	Rpt Only	N/A	ug/l		Once/5 years	24 hr Composite
Fluorene	Permit Limits	Avg. Monthly	Max. Daily			Avg. Monthly	Max. Daily					
Year Round												
34396 (ML-1) RF-G	Reported	5.23	20.7	Lbs/Day	N/A	Rpt Only	Rpt Only	N/A	ug/l		Once/5 years	24 hr Composite
Hexachloroethane	Permit Limits	Avg. Monthly	Max. Daily			Avg. Monthly	Max. Daily					
Year Round												
34418 (ML-1) RF-B	Reported	0.83	2.14	Lbs/Day	N/A	Rpt Only	Rpt Only	N/A	ug/l		Once/5 years	24 hr Composite
Methyl Chloride	Permit Limits	Avg. Monthly	Max. Daily			Avg. Monthly	Max. Daily					
Year Round												
34447 (ML-1) RF-G	Reported	56.28	160.92	Lbs/Day	N/A	Rpt Only	Rpt Only	N/A	ug/l		Once/5 years	24 hr Composite
Nitrobenzene	Permit Limits	Avg. Monthly	Max. Daily			Avg. Monthly	Max. Daily					
Year Round												
34461 (ML-1) RF-G	Reported	0.83	2.14	Lbs/Day	N/A	Rpt Only	Rpt Only	N/A	ug/l		Once/5 years	24 hr Composite
Phenanthrene	Permit Limits	Avg. Monthly	Max. Daily			Avg. Monthly	Max. Daily					
Year Round												
34200 (ML-1) RF-G	Reported	0.83	2.14	Lbs/Day	N/A	Rpt Only	Rpt Only	N/A	ug/l		Once/5 years	24 hr Composite
Acenaphthylene	Permit Limits	Avg. Monthly	Max. Daily			Avg. Monthly	Max. Daily					
Year Round												
34205 (ML-1) RF-G	Reported	0.83	2.14	Lbs/Day	N/A	Rpt Only	Rpt Only	N/A	ug/l		Once/5 years	24 hr Composite
Acenaphthene	Permit Limits	Avg. Monthly	Max. Daily			Avg. Monthly	Max. Daily					
Year Round												

* CEL = Compliance Evaluation Level

Name of Principal Executive Officer

Title of Officer

Title of Officer

Date Completed _____

Signature of Principal Executive Officer or
Authorized Agent

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STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Final Order Limitations
Year Round

FACILITY NAME: (WASHINGTON WORKS) E.I.DUPONT DE NEMOURS & CO

LOCATION OF FACILITY: WASHINGTON; Wood County

PERMIT NO.: WV0001279

OUTLET NO.: 005

WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:

CERTIFIED LABORATORY ADDRESS:

INDIVIDUAL PERFORMING ANALYSIS:

Parameter	Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
	Units	N.E.	Other Units	CEL*	Units	N.E.					
34215 (Ml-1) RF-G	Reported	3.92	9.75	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l	Once/5 years	Grab
Acrylonitrile Year Round	Permit Limits	Avg. Monthly	Max. Daily								
34220 (Ml-1) RF-G	Reported	0.83	2.14	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l	Once/5 years	24 hr Composite
Anthracene Year Round	Permit Limits	Avg. Monthly	Max. Daily								
34242 (Ml-1) RF-G	Reported	0.83	2.14	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l	Once/5 years	24 hr Composite
Benzo (K) Fluoranthene Year Round	Permit Limits	Avg. Monthly	Max. Daily								
34247 (Ml-1) RF-G	Reported	0.88	2.2	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l	Once/5 years	24 hr Composite
Benzo (A) Pyrene Year Round	Permit Limits	Avg. Monthly	Max. Daily								
34301 (Ml-1) RF-G	Reported	3.79	9.95	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l	Once/5 years	24 hr Composite
Chlorobenzene Year Round	Permit Limits	Avg. Monthly	Max. Daily								
34506 (Ml-1) RF-G	Reported	0.89	2.35	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l	Once/5 years	Grab
1,1,1-Trichloroethane Year Round	Permit Limits	Avg. Monthly	Max. Daily								
34511 (Ml-1) RF-G	Reported	1.14	4.05	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l	Once/5 years	Grab
1,1,2-Trichloroethane Year Round	Permit Limits	Avg. Monthly	Max. Daily								
34541 (Ml-1) RF-G	Reported	7.4	23.59	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l	Once/5 years	Grab
1,2-Dichloropropane Year Round	Permit Limits	Avg. Monthly	Max. Daily								

* CEL = Compliance Evaluation Level

Name of Principal Executive Officer	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations.	Date Completed _____
Title of Officer	Signature of Principal Executive Officer or Authorized Agent	

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Final Order Limitations
Year Round

FACILITY NAME: (WASHINGTON WORKS) E.I. DUPONT DE NEMOURS & CO
LOCATION OF FACILITY: WASHINGTON; Wood County
PERMIT NO.: WV0001279
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:

CERTIFIED LABORATORY ADDRESS:

OUTLET NO.: 005

INDIVIDUAL PERFORMING ANALYSIS:

Parameter		Quantity			Other Units	CEL*	Units	N.E.	Measurement Frequency	Sample Type
		Units	N.E.	Other Units						
34606 (ML-1) RF-G	Reported	0.76	1.76	Lbs/Day	N/A	Rpt Only	N/A	ug/l	Once/5 years	24 hr Composite
2,4-Dimethylphenol	Permit Limits	Avg. Monthly	Max. Daily			Avg. Monthly	Max. Daily			
39110 (ML-1) RF-G	Reported	0.94	2	Lbs/Day	N/A	Rpt Only	N/A	ug/l	Once/5 years	24 hr Composite
Di-n-butyl Phthalate	Permit Limits	Avg. Monthly	Max. Daily			Avg. Monthly	Max. Daily			
22456 (ML-1) RF-G	Reported	Rpt Only	Max. Monthly	Lbs/Day	N/A	Rpt Only	N/A	ug/l	Once/5 years	24 hr Composite
Total PAH	Permit Limits	Avg. Monthly	Max. Daily			Avg. Monthly	Max. Daily			
32103 (ML-1) RF-G	Reported	5.6	17.79	Lbs/Day	N/A	Rpt Only	N/A	ug/l	Once/5 years	Grab
1,2-Dichloroethane	Permit Limits	Avg. Monthly	Max. Daily			Avg. Monthly	Max. Daily			
34694 (ML-1) RF-G	Reported	0.72	1.6	Lbs/Day	N/A	Rpt Only	N/A	ug/l	Once/5 years	24 hr Composite
Phenol, Single Compound	Permit Limits	Avg. Monthly	Max. Daily			Avg. Monthly	Max. Daily			
39117 (ML-1) RF-G	Reported	Rpt Only	Max. Daily	Lbs/Day	N/A	Rpt Only	N/A	ug/l	Once/5 years	24 hr Composite
Phthalate Esters	Permit Limits	Avg. Monthly	Max. Daily			Avg. Monthly	Max. Daily			
79531 (ML-1) RF-G	Reported	0.88	2.2	Lbs/Day	N/A	Rpt Only	N/A	ug/l	Once/5 years	24 hr Composite
3,4 Benzofluoranthene	Permit Limits	Avg. Monthly	Max. Daily			Avg. Monthly	Max. Daily			
85811 (ML-1) RF-G	Reported	4.45	11.75	Lbs/Day	N/A	Rpt Only	N/A	ug/l	Once/5 years	Grab
Chloroethane	Permit Limits	Avg. Monthly	Max. Daily			Avg. Monthly	Max. Daily			
Year Round										

* CEL = Compliance Evaluation Level

Name of Principal Executive Officer

Title of Officer

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Date Completed

Signature of Principal Executive Officer or
Authorized Agent

**STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT**

Final Order Limitations
Year Round

FACILITY NAME: (WASHINGTON WORKS) E.I.DUPOINT DE NEMOURS & CO

LOCATION OF FACILITY: WASHINGTON; Wood County

PERMIT NO.: WV0001279

OUTLET NO.: 005

WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:

CERTIFIED LABORATORY ADDRESS:

INDIVIDUAL PERFORMING ANALYSIS:

Parameter	Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
	Units	N.E.									
78456 (ML-1) RF-B	Reported	0.86	1.73 Max. Daily	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l	1/quarter	Calculated
Other Halomethanes Year Round	Permit Limits	Avg. Monthly									
34010 (ML-1) RF-B	Reported	1.13	3.16 Max. Daily	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l	1/quarter	Grab
Toluene Year Round	Permit Limits	Avg. Monthly									
37371 (ML-1) RF-G	Reported	4.06	11.26 Max. Daily	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l	Once/5 years	Grab
Ethyl Benzene Year Round	Permit Limits	Avg. Monthly									
32730 (ML-1) RF-G	Reported	0.83	2.14 Max. Daily	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l	Once/5 years	Grab
Phenolics, Total Recoverable Year Round	Permit Limits	Avg. Monthly									
34696 (ML-1) RF-G	Reported	4.06	11.01 Max. Daily	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l	Once/5 years	24 hr Composite
Naphthalene Year Round	Permit Limits	Avg. Monthly									
39100 (ML-1) RF-G	Reported	0.83	2.14 Max. Daily	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l	Once/5 years	24 hr Composite
BIS(2-Ethylhexyl) Phthalate Year Round	Permit Limits	Avg. Monthly									
00680 (ML-1) RF-A	Reported	0.83	2.14 Max. Daily	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l	Once/5 years	24 hr Composite
Total Organic Carbon Year Round	Permit Limits	Avg. Monthly									
32102 (ML-1) RF-G	Reported	3.83	10.11 Max. Daily	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l	Once/5 years	Grab
Carbon Tetrachloride Year Round	Permit Limits	Avg. Monthly									

* CEL = Compliance Evaluation Level

Name of Principal Executive Officer

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Date Completed

Signature of Principal Executive Officer or
Authorized Agent

**STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT**

Final Order Limitations
Year Round

FACILITY NAME: (WASHINGTON WORKS) E.I.DU PONT DE NEMOURS & CO

LOCATION OF FACILITY: WASHINGTON; Wood County

PERMIT NO.: WV0001279

OUTLET NO.: 102

WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:

CERTIFIED LABORATORY ADDRESS:

INDIVIDUAL PERFORMING ANALYSIS:

Parameter	Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
	Units	N.E.									
50050 (ML-1) RF-A Flow,in Conduit or thru plant Year Round	Reported Permit Limits	N/A N/A		N/A	Rpt Only Avg. Monthly		Rpt Only Max. Daily	N/A	mgd	1/month	Estimated
00310 (ML-1) RF-A BOD, 5-Day 20 Deg.C Year Round	Reported Permit Limits	Rpt Only Avg. Monthly	Rpt Only Max. Daily	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l	1/month	24 hr Composite
00530 (ML-1) RF-A Total Suspended Solids Year Round	Reported Permit Limits	Rpt Only Avg. Monthly	Rpt Only Max. Daily	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l	1/month	24 hr Composite
00400 (ML-1) RF-A pH Year Round	Reported Permit Limits	N/A N/A	N/A	N/A	Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	N/A	mg/l	1/month	Grab
81017 (ML-1) RF-A Chem. Oxygen Demand Year Round	Reported Permit Limits	Rpt Only Avg. Monthly	Rpt Only Max. Daily	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	S.U.	1/month	24 hr Composite
51065 (ML-1) RF-A Ammonium Perfluorooctanoate Year Round	Reported Permit Limits	Rpt Only Avg. Monthly	Rpt Only Max. Daily	Lbs/Day	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l	1/month	24 hr Composite
51715 (ML-1) RF-A C3 Dimer Acid/Salt Year Round	Reported Order Limits	N/A N/A	N/A	N/A	Rpt Only Avg. Monthly	N/A	Rpt Only Max. Daily	N/A	ug/l	1/week	Grab
51715 (ML-G) RF-A C3 Dimer Acid/Salt Year Round	Reported Order Limits	N/A N/A	N/A	N/A	Rpt Only Avg. Monthly	N/A	Rpt Only Max. Daily	N/A	ug/l	1/week	Grab

* CEL = Compliance Evaluation Level

Name of Principal Executive Officer

Title of Officer

Date Completed

Signature of Principal Executive Officer or
Authorized Agent

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STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

POLLUTANT DISCHARGE ELIMINATION SYSTEM DISCHARGE MONITORING REPORT

FACILITY NAME: (WASHINGTON WORKS) E.I.DUPONT DE NEMOURS & CO
LOCATION OF FACILITY: WASHINGTON; Wood County
PERMIT NO.: WV0001279 OUTLET NO.: 605
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS

* CEL = Compliance Evaluation Level

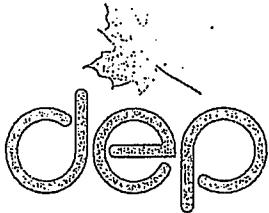
Name of Principal Executive Officer

Title of Officer

**Signature of Principal Executive Officer or
Authorized Agent**

I knowlede and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations.

EXHIBIT K



west virginia department of environmental protection

Division of Water and Waste Management
601 57th Street SE
Charleston, WV 25304-2345
Telephone Number: (304) 926-0495
Fax Number: (304) 926-0463

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

December 14, 2011

Mr. D. F. Altman
Sr. Environmental Control Consultant
Washington Works
P.O. Box 1217
Washington, WV 26181-1217

Re: WV/NPDES Permit Number WV0001279
Production test

Dear Mr. Altman:

We have reviewed your request dated December 9th, 2011 to initiate full scale production tests with new compound (C3 Dimer Acid/Salt (CAS # 13252-13-6 and CAS # 62037-80-3) for the use of new-generation processing aid for the production of high-performance fluoropolymers in production area (Fine Power). The wastewater generated from this process is approximately 100 gallons per minute will be discharged through Outlet No. 005 (which discharges 30 MGD). The new compound will also be used in the W9 area and process wastewater from that area will be treated through activated carbon beds prior to discharge through Outlet No. 002.

The agency has no objection to the use of the above mentioned new compound. The wastewater generated from these processes shall be discharged through Outlet No. 005 and Outlet No. 002 so long as the following conditions are adhered to:

1. DuPont shall collect weekly 24 hr. composite samples and analyze the concentration of the new compound at Outlet No. 005. The concentration of the new compound shall achieve 191 ug/l as an average monthly and 278 ug/l as a maximum daily at Outlet No. 005.
2. DuPont shall collect weekly 24 hr. composite samples and analyze the concentration of the new compound at Outlet No. 002. The concentration of the new compound shall achieve 77 ug/l as an average monthly and 112 ug/l as a maximum daily at Outlet No. 002.

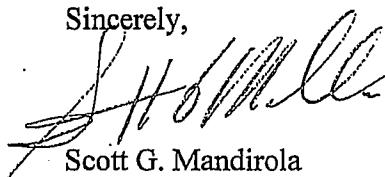
DuPont Washington Works
December 14, 2011
Page 2 of 2

3. The permittee shall continue to comply with all effluent limitations at Outlet No. 005 and Outlet No. 002.
4. The permittee shall cease testing and discharging of the new compound at Outlet No. 005 and Outlet No. 002 on or before January 31st, 2012.

This correspondence in no way relieves the permittee of its obligation to comply with all terms and conditions of its WV/NPDES Permit and shall not constitute an affirmative defense in any enforcement action brought against the permittee.

If you should have any questions, please contact Yogesh Patel, P.E. at (304) 926-0499 extension 1014.

Sincerely,



Scott G. Mandriola
Director

SGM: yp

cc: Env. Inspector Supervisor,
Env. Inspector, Wood County
EPA Region 3

EXHIBIT L

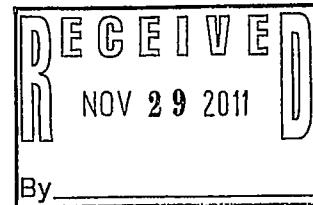


E. I. du Pont de Nemours and Company
Washington Works
Mail: P.O. Box 1217
Washington, WV 26181-1217

November 28, 2011

CERTIFIED MAIL –
RETURN RECEIPT REQUESTED
7009 2820 0002 7577 1148

Mr. Scott Mandriola, Acting Director
WV Dept. of Environmental Protection
Division of Water and Waste Management
601 57th Street, SE
Charleston, West Virginia 25304-2345



Dear Mr. Mandriola:

WASHINGTON WORKS – WV/NPDES PERMIT NO. WV0001279
PRODUCTION TESTS

DuPont has developed patented technology for a new-generation processing aid for the production of high-performance fluoropolymers using a new compound C3 Dimer Acid/Salt (CAS # 13252-13-6 and CAS # 62037-80-3) (hereafter the “New Compound”). DuPont is submitting the following information about pending Research and Development (R&D) activities at Washington Works. Some of the R&D efforts have transitioned from lab scale to the production areas, and multiple production areas have or will be running tests using a new compound.

Wastewaters from all production area tests conducted to date have been treated to levels below the in-house detection limit of 1 mg/l at the discharge of existing water treatment systems (FEP Oberlin and W9) to remove the new compound via carbon absorption prior to discharge.

Full scale production tests with the new compound now need to be run in a production area (Fine Powder) that currently discharges some wastewater that does not receive treatment by activated carbon. This wastewater source is not located in the vicinity of one of the treatment processes and will discharge via outfall 005. The following table provides information on tests planned to be conducted in December 2011 and January 2012. These discharges (approximately 100 gpm) from the production area will be combined with other process water flows discharging via outfall 005 with an average flow of approximately 30 MGD.

Anticipated Start Date	Anticipated Length of Test Run (days)	# of days discharge of New Compound will occur	Total Mass of New Compound discharged during test (lbs)	Estimated concentration of New Compound at Outfall 005
12/12/2011	3	2	0.4	<1 ug/l
1/16/2012	10	8	1.4	<1 ug/l
1/30/2012	6	5	0.9	<1 ug/l

During the test runs, DuPont proposes to collect weekly 24 hr composite samples at outfall 005 and submit to an outside laboratory for analysis of the new compound. This information and the results will be recorded at the site and made available to the agency upon request.

Material Safety Data Sheets (MSDS) for the new compound have been previously submitted to your agency.

We believe that this notification satisfies all regulatory requirements for initiating these activities and request your approval for the tests. If you have any questions or need additional information, please contact me at (304) 863-4271.

Sincerely,

William A. Boyle, II
SHEA Manager
Washington Works

WAB/aac:sll

cc: Yogesh Patel
WVDEP, Charleston, WV

EXHIBIT M



E. I. du Pont de Nemours and Company
Washington Works
Mail: P.O. Box 1217
Washington, WV 26181-1217

December 16, 2011

RECEIVED DEC 19 2011

CERTIFIED MAIL
7009 2820 0002 7577 1186

Mr. Scott Mandriola, Director
WV Dept. of Environmental Protection
Division of Water and Waste Management
601 57th Street, SE
Charleston, West Virginia 25304-2345

Dear Mr. Mandriola:

WASHINGTON WORKS – WV/NPDES PERMIT NO. WV0001279
PRODUCTION TESTS

DuPont has developed patented technology for a new-generation processing aid for the production of high-performance fluoropolymers using a new compound, C3 Dimer Acid/Salt (CAS # 13252-13-6 and CAS # 62037-80-3) (hereafter the “New Compound”). DuPont is submitting the following information about pending Research and Development (R&D) activities at Washington Works. Some of the R&D efforts have transitioned from lab scale to the production areas, and multiple production areas have or will be running tests using a new compound.

Wastewaters from all production area tests conducted to date have been treated to levels below the in-house detection limit of 1 mg/l at the discharge of existing water treatment systems (FEP Oberlin and W9) to remove the new compound via carbon absorption prior to discharge.

Full scale production tests with the new compound now need to be run in a production area (Granular) that currently discharges some wastewater that does not receive treatment by activated carbon. This wastewater source is not located in the vicinity of one of the treatment processes and will discharge via Outfall 005. The following table provides information on tests planned to be conducted in January 2012. These discharges (approximately 120 gpm) from the production area will be combined with other process water flows discharging via Outfall 005 with an average flow of approximately 30 MGD.

The predominant amount of the new compound will be discharged through the Granular Mother Liquor system which will be treated through activated carbon beds in W9 (with ultimate discharge through Outfall 002). The following table provides information on tests planned to be conducted in January 2012.

Anticipated Start Date	Anticipated Length of Test Run (days)	# of days discharge of New Compound will occur	Total Mass of New Compound discharged during test (lbs)	Estimated concentration of New Compound at Outfall 005 @ total flow of 30 MGD	Estimated concentration of New Compound at Outfall 002 @ total flow of 9.9 MGD
1/9/2012	8	9	0.6	<1 ug/l	<1 ug/l

During the test runs, DuPont proposes to collect weekly 24-hr composite samples at Outfalls 005 and 002 and submit to an off-site laboratory for analysis of the new compound. This information and the results will be recorded at the site and made available to the agency upon request.

Material Safety Data Sheets (MSDS) for the new compound have been previously submitted to your agency.

We believe that this notification satisfies all regulatory requirements for initiating these activities and request your approval for the tests. If you have any questions or need additional information, please contact me at (304) 863-4271.

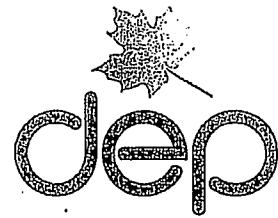
Sincerely,

David F. Altman
Sr. Environmental Control Consultant
Washington Works

DFA/aac:sll

cc: Yogesh Patel
WVDEP, Charleston, WV

EXHIBIT N



west virginia department of environmental protection

Division of Water and Waste Management
601 57th Street SE
Charleston, WV 25304-2345
Telephone Number: (304) 926-0495
Fax Number: (304) 926-0463

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

January 06, 2012

Mr. D. F. Altman
Sr. Environmental Control Consultant
Washington Works
P.O. Box 1217
Washington, WV 26181-1217

Re: WV/NPDES Permit Number WV0001279
Production test

Dear Mr. Altman:

We have reviewed your request dated December 16th, 2011 to initiate full scale production tests with new compound (C3 Dimer Acid/Salt (CAS # 13252-13-6 and CAS #. 62037-80-3) for the use of new-generation processing aid for the production of high-performance fluoropolymers in production area (Granular). The wastewater generated from this process is approximately 120 gallons per minute will be discharged through Outlet No. 005 (which discharges 30 MGD). The new compound will also be used in the W9 area and process wastewater from that area will be treated through activated carbon beds prior to discharge through Outlet No. 002.

The agency has no objection to the use of the above mentioned new compound. The wastewater generated from these processes shall be discharged through Outlet No. 005 and Outlet No. 002 so long as the following conditions are adhered to:

1. DuPont shall collect weekly 24 hr. composite samples and analyze the concentration of the new compound at Outlet No. 005. The concentration of the new compound shall achieve 191 ug/l as an average monthly and 278 ug/l as a maximum daily at Outlet No. 005.

2. DuPont shall collect weekly 24 hr. composite samples and analyze the concentration of the new compound at Outlet No. 002. The concentration of the new compound

DuPont Washington Works
January 06, 2012
Page 2 of 2

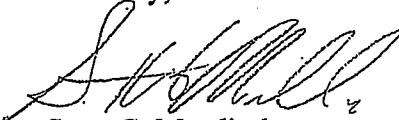
shall achieve 77 ug/l as an average monthly and 112 ug/l as a maximum daily at Outlet No. 002.

3. The permittee shall continue to comply with all effluent limitations at Outlet No. 005 and Outlet No. 002.
4. The permittee shall cease testing and discharging of the new compound at Outlet No. 005 and Outlet No. 002 on or before January 31st, 2012.

This correspondence in no way relieves the permittee of its obligation to comply with all terms and conditions of its WV/NPDES Permit and shall not constitute an affirmative defense in any enforcement action brought against the permittee.

If you should have any questions, please contact Yogesh Patel, P.E. at (304) 926-0499 extension 1014.

Sincerely,



Scott G. Mandriola
Director

SGM: yp

cc: Env. Inspector Supervisor,
Env. Inspector, Wood County
EPA Region 3

EXHIBIT O



E. I. du Pont de Nemours and Company
Washington Works
Mail: P.O. Box 1217
Washington, WV 26181-1217

February 16, 2012

CERTIFIED MAIL
7009 2820 0002 7576 8582

Mr. Scott Mandirola, Director
WV Department of Environmental Protection
Division of Waste and Water
601 57th Street, SE
Charleston, WV 25304

RE: WV/NPDES Permit Number WV0001279
Production Test Letters 12/14/2011 and 1/6/2012

Dear Mr. Mandirola:

Pursuant to WVDEP's letters of 12/14/2011 and 1/6/2012, DuPont initiated full scale production tests utilizing a new generation processing aid for the production of high-performance fluoropolymers. Testing was conducted as prescribed in the approval letters. All results were well below the outlet limits established in the approval letters which are indicated below.

Outlet	Monthly Average limit (ug/l)	Max Daily Limit (ug/l)
002	77	112
005	191	278

The test results are summarized below:

Date	Test Conducted	002 result (ug/l)	005 result (ug/l)
12/16/2011	Fine Powder test	0.14	5.3
1/12/2012	Granular test	0.16	0.98
1/19/2012	Fine Powder test	0.18	2.9
1/24/2012	Fine Powder test	0.18	6.7

RECEIVED FEB 17 2012

Please let me know if you have questions or need additional information.

Sincerely,



David F. Altman

Senior Environmental Control Consultant
DuPont Washington Works'

DFA:aac/sll

cc: Ms. Cindy Musser, Field Supervisor WV-DEP, Environmental Enforcement 2311 Ohio Avenue Parkersburg, WV 26101	Ms. Norma Green, 3WP31 U. S. EPA, Region III 1650 Arch Street Philadelphia, PA 19103-2029
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Ms. Glennda Parsons
WV-DEP, Environmental Enforcement
2311 Ohio Avenue
Parkersburg, WV 26101